

Authors

Thomas Beretvas

Data Processing Product Group, Systems Support Center, Hursley, England

Mr. Beretvas joined IBM in Poughkeepsie, New York in 1964, where he worked in design automation. In 1971, he joined the MVS project and managed the performance simulation work in that project. This included many aspects of MVS performance and performance prediction. Mr. Beretvas has continued his involvement in performance work, and was appointed a representative to the Computer Measurement and Evaluation Project of SHARE, Incorporated. In 1975, Mr. Beretvas began a temporary assignment at the Systems Support Center in Hursley, England. There he has been involved in technical aspects of MVS marketing, which includes specialized work in performance tuning, evaluation, and measurement. Mr. Beretvas has conducted workshops in MVS tuning, he has lectured on performance tuning, and he has rendered performance tuning assistance to customers. He is a member of the ACM and the IEEE (Computer Society). Mr. Beretvas received the B.Sc. (Eng.) in electronic engineering at the University College of London in 1959. He received the M.S.E. degree at Princeton University in 1964, and the E.E. (Professional) degree at Columbia University in New York City in 1964.

Robert P. Crabtree

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Mr. Crabtree is currently a Senior Programmer in the Advanced Systems Development Department. He joined IBM in 1965 and immediately became involved in the development of the operating system for the IBM 7040/7090 Directly Coupled System. The following year he coauthored the HASP system for the System/360. From then until 1973 he continued to be involved with HASP in general and especially with the RJE and RTAM components of HASP. In 1973, he became involved in the implementation of JES2, the MVS version of HASP. In 1976 he became responsible for JES2 design, including not only the design of NJE for JES2 but also the communication protocols used for both NJE and NJI. Mr. Crabtree received a B.S. in electrical engineering in 1960 and an M.S. in electrical engineering in 1962, both from the University of Michigan where he was a member of the staff at the University's computing center.

Julian B. Ford

Data Processing Division, Atlanta, Georgia

Mr. Ford joined IBM in Atlanta in 1957. From 1962 to 1967, he worked on the original Delta Air Lines SABRE project. In 1969 he became the CICS specialist in his Branch Office. In 1977 he spent six months in London as a consultant to British Airways. Prior to joining IBM, he was with the Simmons Company. Mr. Ford is the author of the FERS program and of an FDP package called CICS Abend Intercept Program. He received a B.A. degree from Emory University in 1948.

Lawrence R. Koster

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Mr. Koster is an Advisory Programmer in the Poughkeepsie Programming Center. He joined IBM in 1959 as a Field Engineer. He was involved in the development of OS/360 and OS/VS2. Mr. Koster had the responsibility for incorporating the stand-alone utility functions under the operating system, for which he received an IBM Outstanding Contribution Award. Since 1968, he has been involved with the design and development of many areas of TSO, including the TSO 3270 Session Manager. He received a B.A. in mathematics from Marist College in 1965.

James M. McCrossin

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Mr. McCrossin is an Advisory Programmer in the Computing Systems department at the IBM Thomas J. Watson Research Center. He has been on the staff at IBM Research since 1974. He is currently manager of OS/VS2 system programming support for the Research Center. Before joining IBM he was the Assistant Director for Software of the Computation Center at Carnegie-Mellon University. Mr. McCrossin was designer and developer of the Research Display Facility, the prototype for the TSO 3270 Session Manager, for which he received an Outstanding Innovation Award. He received a B.S. degree in chemistry from the University of Pittsburgh in 1966.

Joan Forrester Musgrave

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Mrs. Musgrave is Design Director of Corporate Technical Publications. Since joining IBM, she has held several positions in graphic art and design. Mrs. Musgrave received her A.B. degree in fine arts from Clark University, Worcester, Massachusetts, in 1968, completing part of the degree requirements at the Ancien Faculté de Dijon, France, and the Cité Universitaire, Paris, France. She has received numerous graphic design awards for technical communication.

Robert P. O'Hara

Research Division, Yorktown Heights, New York

Mr. O'Hara is a Senior Associate Programmer in the Computing Systems department at the IBM Thomas J. Watson Research Center. He joined IBM in 1974 as a Junior Programmer in Poughkeepsie, New York. Mr. O'Hara assisted in the development of the Research Display Facility, and was a designer and developer of the TSO 3270 Session Manager, for which he received a Research Division Outstanding Contribution Award. He is currently a member of the graphics subsystems group at the Research Center. Mr. O'Hara received a B. Arch. from the Pennsylvania State University in 1974.

Grady H. Phillips

System Communications Division, Gaithersburg, Maryland

Mr. Phillips joined IBM in 1964 as a Systems Engineer in Washington, D.C. In 1969 he joined the HASP development group where he assisted in the design and development of the HASP MULTI-LEAVING RJE package that became the basis for RJE support for ASP, VS1 (RES), JES2, and JES3. In 1974, as part of a networking project in Gaithersburg, he became the JES2/NJE project leader responsible for design and development of the NJE features, specifically in the areas of path management, initialization, and operator control. During the later stages of NJE (Release 1), he was responsible for JES2 development. Mr. Phillips received a B.S. in physics from the University of North Carolina in 1960.

Richard O. Simpson

Office Products Division, Austin, Texas

Mr. Simpson joined IBM in 1969 as a Systems Engineer in Houston. He initially worked on process control applications on the IBM 1800 computing system. In 1971 he transferred to the Federal Systems Division in Washington, D.C., where he participated in the design and development of a large message-switching, storage, and retrieval system for the U.S. Army Headquarters in the Pentagon. He joined the JES2 development group at Gaithersburg in 1975, where until 1977 he was responsible for designing and implementing portions of NJE for JES2, mainly in the area of output transmission and reception. He is now involved with shared logic systems. Mr. Simpson received the degree of master of electrical engineering from Rice University in 1969.